

## CLAIMS

1. An injection molded article comprising:  
a resin composition containing  
5 (A) a lactic acid based resin; and  
(B) a natural fiber that contains 40 mass% to 60 mass%  
of cellulose, 10 mass% to 30 mass% of lignin,  
wherein the resin composition contains the lactic acid  
based resin (A) and the natural fiber (B) in a mass ratio of  
10 99:1 to 70:30, and the lactic acid based resin (A) has a resin  
composition ratio of L-lactic acid:D-lactic acid=100:0 to 97:3,  
or L-lactic acid:D-lactic acid=0:100 to 3:97.
2. The injection molded article according to claim 1, wherein  
15 the resin composition has a crystallization heat peak  
temperature ( $T_c$ ) of 100°C or more.
3. The injection molded article according to claim 1 or 2,  
wherein the injection molded article has a deflection  
20 temperature under load of 133°C or more.
4. The injection molded article according to any one of claims  
1 to 3, wherein the injection molded article is formed after  
kneading a coated substance obtained by impregnating the natural  
25 fiber (B) in the lactic acid based resin (A), with the lactic

acid based resin.

5. The injection molded article according to claim 4, wherein the injection molded article is formed after kneading a coated  
5 substance obtained by impregnating the natural fiber (B) in the lactic acid based resin (A) by drawing, with the lactic acid based resin.

6. Pellets comprising  
10 a resin composition containing:  
(A) a lactic acid based resin; and  
(B) a natural fiber that contains 40 mass% to 60 mass% of cellulose, 10 mass% to 30 mass% of lignin,

wherein the resin composition contains the lactic acid  
15 based resin (A) and the natural fiber (B) in a mass ratio of 99:1 to 70:30, and the lactic acid based resin (A) has a resin composition ratio of L-lactic acid:D-lactic acid=100:0 to 97:3, or L-lactic acid:D-lactic acid=0:100 to 3:97.

20 7. The pellets according to claim 6, wherein the pellets have an appearance such that constituent components thereof are uniformly dispersed.

8. The pellets according to claim 6 or 7, wherein the pellets  
25 are formed by kneading a coated substance, which is obtained

by impregnating the natural fiber (B) in the lactic acid based resin (A) by drawing, with the lactic acid based resin (A).

9. A method for producing pellets, comprising the steps of:

5       impregnating a natural fiber (B) in a lactic acid based resin (A); and

          adding a further portion of the lactic acid based resin (A) to the resultant of the impregnating step and kneading the resultant mixture.

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10. A method for producing pellets, comprising the steps of:

          forming pellets of a coated substance after impregnating a natural fiber (B) in a lactic acid based resin (A) by drawing; and

15       adding a further portion of the lactic acid based resin (A) to the pellets of the coated substance and kneading the resultant mixture.

11. A method for producing injection molded article,  
20       comprising the steps of:

          forming pellets of a coated substance after impregnating a natural fiber (B) in a lactic acid based resin (A) by drawing;

          adding a further portion of the lactic acid based resin (A) to the pellets of the coated substance and kneading the  
25       resultant mixture to form pellets; and

forming an injection molded article from the pellets  
obtained after the kneading.